Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 01 Sep 2023 until 23:59 on Saturday 02 Sep 2023

Forecast Issued on Friday 01 Sep 2023 at 01:06

Confidence: High for the overall trend towards drier and more settled weather over the next few days, but only moderate for cloud and shower detail for today.

Headline for Friday 01 Sep 2023: Low cloud slowly lifting, with scattered showers developing.

Mountain weather hazards on Friday 01 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					FOG
Fog	Cloudy	Light rain showers	Cloudy	Cloudy	Fog
Precipitation probability					
20%	20%	30%	20%	10%	10%

Forecast for Friday 01 Sep 2023

Weather: A murky start to the day with extensive low cloud and patchy fog. The cloud will gradually lift and break during the morning, with western hills probably clearing by the middle of the day, but eastern areas perhaps holding on to the cloud. Isolated showers are likely to develop from mid-morning, mostly light to moderate, with perhaps the odd heavy one in the west. However, the cloud will return from the north later in the afternoon, bringing more low cloud and perhaps the odd outbreak of drizzle to eastern hills during the evening.

Chance of cloud-free hill tops above 600m: 40% east, 70% west

Low cloud and visibility: Poor to very poor visibility at most heights at first, with extensive low cloud as low as 200m. Cloud will lift during the morning, clearing the summits by late morning in the west but perhaps only for a short time mid-afternoon in the east. Visibility becoming good outside of cloud and brief deteriorations in showers. Banks of low cloud reforming on eastern slopes in particular during the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 01 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/10 SE	4/7 SE	6/9 SE	7/11 E	9/14 NE	11/16 E	10/14 E
300	3/8 E	4/6 S	5/9 SE	6/10 E	7/13 NE	8/16 NE	7/15 NE
Valley	4/8 E	3/6 SE	4/7 E	6/10 E	8/16 E	10/20 E	9/17 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	12/11	13/12	14/13	13/12	12/10	11/10
300	13/13	14/14	16/15	17/16	16/15	14/13	14/12
Valley	13/13	15/15	17/17	18/18	16/15	15/13	14/13
Freezing Level*	2300m	2300m	2500m	2600m	2600m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility at times means good navigational skills will be required.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 01 Sep 2023	0mm	0mm	0.2mm

Forecast for Saturday 02 Sep 2023

Weather: Low cloud and patchy fog quickly clearing to sunny spells and fair weather cloud. Generally dry although the odd light shower cannot be ruled out around the middle of the day.

Maximum wind: Easterly 5-10mph.

Chance of cloud-free hill tops above 600m: 30% rising to 90%.

Low cloud and visibility: Areas of low cloud base below 400m at first, and patchy fog in valleys, with poor visibility. Westernmost hills may remain clear. Cloud and fog will quickly clear, with cloud bases lifting above summits by late morning, and visibility becoming very good all around.

Temperature: **Valleys:** Plus 15 Celsius increasing to plus 22 Celsius
At 600m: Plus 10 Celsius increasing to plus 16 Celsius.
Freezing level: Above summits.

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